CIVILTECH LABS

TEST REPORT ON COARSE AGGREGATES 20mm ↓ Graded Ref:IS:383/2386

Name of the Client	AEE, Vidyaranyapura Sub Division, BBMP
Name of Work	Removing and refixing, levelling and lowering of BS slab drains at Vinayakanagara Maruthi Layout in Ward No.11 (Kuvempunagara),Vidyaranyapura Sub Division
Agency Name	Sri. P. Lokesh

Sample	Date of Testing	Specific Gravity	Absorption in %	IS Sieve Designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement As Per IS 383-1970	Remarks
20mm Down Graded	26/02/2014	2.64	0.31	**40**	100	**100**	Satisfies The Requirement
				20	97	**95-100**	
				10	48	**25-55**	
				4.75	9	**0-10**	

Note:

1. The results relate only to the items tested.
2. Report shall not be reproduced except in full, without the written approval of the lab.
3. Any correction invalidates this report.
4. The results are based on the test conducted on samples supplied by the client.

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TEST REPORT ON COARSE AGGREGATES 40mm ↓ Graded Ref:IS:383/2386

Name of the Client	AEE, Vidyaranyapura Sub Division, BBMP
Name of Work	Removing and refixing, levelling and lowering of BS slab drains at Vinayakanagara Maruthi Layout in Ward No.11 (Kuvempunagara),Vidyaranyapura Sub Division
Agency Name	Sri. P. Lokesh

Sample	Date of Testing	Specific Gravity	Absorption in %	IS Sieve designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement As Per IS 383-1970	Remarks
40mm Down Graded	26/02/2014	2.67	0.29	**80**	100	**100**	Satisfies The Requirements
				40	99	**95-100**	
				20	58	**30-70**	
				10	21	**10-35**	
				4.75	3	**0-5**	

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TEST REPORT ON FINE AGGREGATES, Ref:IS:383/2386

Name of the Client	AEE, Vidyaranyapura Sub Division, BBMP
Name of Work	Removing and refixing, levelling and lowering of BS slab drains at Vinayakanagara Maruthi Layout in Ward No.11 (Kuvempunagara),Vidyaranyapura Sub Division
Agency Name	Sri. P. Lokesh

Sample	Date of Testing	Specific Gravity (As Per IS: 2720 Part 3 - 1970)	IS Sieve designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement As Per IS 383-1970				Grading Zone
					ZONE-I	ZONE-II	ZONE-III	ZONE-IV	
Fine Aggregates	26/02/2014	2.57	10	100	100	100	100	100	II
			4.75	99	90-100	90-100	90-100	95-100	
			2.36	85	60-95	75-100	85-100	95-100	
			1.18	78	30-70	55-90	75-100	90-100	
			0.6	52	15-34	35-59	60-79	80-100	
			0.3	19	5-20	8-30	12-40	15-50	
			0.15	6	0-10	0-10	0-10	0-15	

Note:

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TEST REPORT ON CEMENT

Name of the Client	AEE, Vidyaranyapura Sub Division, BBMP
Name of Work	Removing and refixing, levelling and lowering of BS slab drains at Vinayakanagara Maruthi Layout in Ward No.11 (Kuvempunagara),Vidyaranyapura Sub Division
Agency Name	Sri. P. Lokesh

Tests on Cement	Test Date	Tests	Test Method As Per IS & Apparatus		Results		Requirements As Per IS 8112 1989	Remarks
			IS Code	Method	Value	Unit		
	26/02/2014	Initial Setting Time	**IS-4031 (Part-5) 1988**	VICAT	59	min	Not Less Than 30 Minutes	Satisfies Requirement
		Final Setting Time	**IS-4031 (Part-5) 1988**	VICAT	500	min	Not More Than 600 Minutes	Satisfies Requirement
		Soundness	**IS-4031 (Part-3) 1988**	LE-CHATELIER	3	mm	Not More Than 10 mm	Satisfies Requirement

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